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Dated: January 14, 2008  
Electronic Signature for John S. Curran: /John S. Curran/

Docket No.: MWS-041RCE  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Howard Taitel

Application No.: 09/910,170

Confirmation No.: 1865

Filed: July 20, 2001

Art Unit: 2162

For: PARTITIONING FOR MODEL-BASED  
DESIGN

Examiner: S. A. Alam

### **RESPONSE TO RESTRICTION REQUIREMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This is in response to the restriction requirement set forth in the Office Action mailed December 13, 2007.

The Examiner indicated that the Application contained claims drawn to patentably distinct species and required restriction between the inventions. The Examiner indicated that the Application contained claims directed to:

Species I: Claims 10-16, 18-35 and 39-41, drawn to a method of specifying a model, the model including sections, a first subset of the sections designated post-processing unit sections and a second subset of the sections designated as core processing unit sections; generating software source code for the model with a code generator using the second subset; and transmitting the generated software source code for execution on a target.

Species II: Claims 43-51, drawn to a method of identifying portions of a model as being critical to a real-time execution of the model; identifying other portions of the model as being non-critical to the real-time execution of the model; generating code for real-time execution based on the critical portions of the model; and transmitting the generated code for execution on a target.

**Applicant hereby elects Species II: Claims 43-51 for continued examination.**

Dated: January 14, 2008

Respectfully submitted,

Electronic signature: /John S. Curran/  
John S. Curran  
Registration No.: 50,445  
LAHIVE & COCKFIELD, LLP  
One Post Office Square  
Boston, Massachusetts 02109-2127  
(617) 227-7400  
(617) 742-4214 (Fax)  
Attorney/Agent For Applicant